CHAPTER I
INTRODUCTION

1.1 Background

Nowdays culiner is not very unfamiliar again in citizen life, especially in among local citizen. The culinary itself may have been known from decades ago. Maybe culiner is a tradition when the holidays come, without culiner the holidays feel something missing. For culinary the citizen do not need to go far away to other country and spend a lot of money because in Indonesia itself we have a thousand of culinary that have a lot of taste with a variety of price. Also not a lot of tourist that love Indonesian food.

At this time, many people who cultivate business in the field of culinary. Not a few them also use the role of computers to help simplify the business path. One of the examples that often used by the citizen which is making a website about the restaurant business that they has. This way can make easy the business people as the promotion media to introduce the restaurant business to the community or citizen without having to interact directly.

By the the advance of the role of technology in all fields, at last it decided to create a website-based information system that will make it easier for users to find a restaurant that suits the user's citeria.

The information system will be created entitled "Development of Restaurant Selection Information System Using a Waterfall Method Based on Website". This model approaches systematically and sequentially.

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The expectation desire, with the existence of this system is able to help the people who stay or visit somewhere to find some restaurant recommendations in accordance with their individual tastes, without having go somewhere far to find it.

1.2 Problem Formulation of the Research

Based on the background above, in this research is taken a problem formulation as below:

1. How to design a development system with waterfall method to determine the restaurant as per the choice of the user.

1.3 Limitation Problems of the Research

To avoid the scope of restrictions so as not to expand, it is necessary to limit the problem so that the next result can be more directed according to the goal. These limits are:

1. The data that is used restricted only to the restaurant that is located in North Jakarta and for the restaurant type will be variant strat from Indonesian until Eastern food.

2. The rataurant will have budget price of Rp. 50.000 until Rp 900.000.

3. This system is design until test phase.

4. The data restaurant will be taken from the data in January.

5. This expert system will be built using the Javascript 5.0 programming language version

6. The method that will be use is Waterfall

As for some software that will be involved to help expedite the process of making this expert system that are:

1. MySQL version 5.0 will be used to storage the database

2. MongoDB will be use as the database.

3. Console2 is a terminal to help the new program in windows.

4. XAMPP is a localhost will be used. In here it will use XAMPP version 5.

5. Balsamiq will be use when designing the interface.

6. The browser that will support this website is Google Chrome, Mozzila Firefox and Internet Explorer.

7. Operating system that will be used is Windows 10

1.4 Aim and Research Purpose

1.4.1 Aim Research

Help the users to choose the restaurants they want.

1.4.2 Purpose of Research

1. To apply the development of information systems with waterfall method that will determine the appropriate restaurant user's criteria

2. To make it easier for the users to find the restaurants that suits with their needs.

3. Not wasting the users' time in finding restaurants.

1.5   Benefits of the Research

The benefits from this research are other giving more knowledge the researcher about development information system, also it is expected from the results it can help the users in search the restaurants according to them and can choose the restaurants based on the budgets of the users.

1.6   Research Method

This research applies some research method as follows:

1.6.1   Data Collection Method

Data collection method is method that is used in research to get a data that is needed it from the interviews with using a lot of time. Data collection method that is use in this research is as below:

1. Method of Study Library

The data collected by studying, researching, and understanding the literature either in the form of books, scientific journals, sites on the internet and various reading related to the topic of the restaurant so that it can be used as research reference.

1.6.2   Testing Method

In this case the system will be testing using a black box method. Black box methode itself when testing is only seen from the results of execution through test data and functional check of the software.

1.7 Writing System

The writers provide systematics based on the chapter that is in order based on the subject matter to facilitate the preparation in writing and reading, as follows:

CHAPTER I Introduction

The introductory chapter contains mostly refinement of the background of the problem, problem formulation, problem definition, research objectives, objectives, research benefits, methods and systematic report writing.

CHAPTER II THEORETICAL RESEARCH

This chapter is the theoretical basis of describing the theories underlying the discussion in detail, there will be a definitions or mathematical models that is straight something to do with the knowledge or the problem that has been studied.

CHAPTER III ANALYSIS AND DESIGNING

This chapter explains about the description of the object of research, analyzeevery problem that is there, every problem that is appear it will be solve, through this rsearch. In this chapter also reported in design detail to the research conducted, both general design of the system built and perancagan more specific.

CHAPTER IV RESULT AND DISCUSSION

In this chapter, it will explain about the results from stage research, from the anlyze stages, design, the results of testing and implementation, a theoretical explanation, both qualitatively, quantitative or statistic. In addition, the results of

the study were also compared with the results of the study also compared with previous research results of similar or previous circumstances.

BAB V CLOSING

Contains conclusions and suggestions. Conclusions and suggestions can be reiterated research problems as well as the outcome of problem solving. It is not permissible for the researcher to conclude the problem if no evidence exists in the research results. In making the conclusion, the reinforced things:

    i.   Based on objective analysis

   ii.   Reinforced with evidence that has been found

BIBLIOGRAPHY

Contains all the reading sources used in this study